# ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ಯಲಹಂಕ ವಿಭಾಗ

## ESTIMATE

ಕಾಮಗಾರಿಯ ಹೆಸರು : Providing Street Name boards in Ward No.04 of Yelahanka Satellite Town Sub Division

ಅಂದಾಜು ಮೊತ್ತ : **Rs. 50.00 Lakhs**

**Bruhat Bangalore Mahanagara Palike**
**Executive Engineer Yelahanka Division**

**Project Cost: 50.00Lakhs**

**Name of Work: Providing street Name Boards in Ward no. 4 of Yelahanka Satellite Town Sub Division.**

| Sl No | Description of Items | No | Length | Width | Depth | Quantity | Unit | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 1 | Supply and fixing of Retro Reflective **Single Arrow Road Name Signboard of size 1600mm x 900mm** made out of retro reflective sheeting conforming to Type XI standards of ASTM D 4956 - 09 & as per IRC 67-2012 for full back ground of blue colour & white letters and fixed over 4 mm thick Aluminium Composite Material sheet having minimum 0.5 mm thick Aluminium skin on both sides with back side painted grey colour and fixed over back support frame SS angle of 15mm x 20mmx 1.2mm, supported by 38mm OD stainless steel pipe all round in 304 grade and 2 nos of vertical posts of 50 mm OD stainless steel pipe of 202 grade firmly fixed to the ground by means of properly designed foundation of size 450mm x 450mm x 600mm in 1:1.5:3 ratio cement concrete. The background shall be blue in color with letters and border in white, the item includes earthwork excavation, cost of all materials, loading, unloading, lead, lift, transportation etc., complete. as per direction of engineer incharge of work clause 6.9 of IRC 67-2012 for Type XI retro reflective sheeting from the sheeting manufacturer & a certified copy of test reports from an independent test laboratory conforming to clause 6.7 of IRC 67-2012 including outdoor weather exposure report for the retro reflective sheeting offered shall be submitted by the contractor for technical qualification in the tender.(P.No-190, I No-24.59 of PWD BCSR 2018-19) | | | | | | | | |
| | Basic Rate | 13297.00 | | | | | | | |
| | 6% Area weightage | 797.82 | | | | | | | |
| | Sub Total | 14094.82 | | | | | | | |
| | Direction Board - Single Arrow | 187 | 1.60 | 0.90 | | 269.28 | Sqm | 14094.82 | 3795453.13 |
| 2 | Supply and fixing of Retro Reflective **Single arrow road name sign board of size 2000mm x 900mm** made out of retro reflective sheeting conforming to Type XI standards of ASTM D 4956 - 09 & as per IRC 67-2012 for full back ground of blue colour & white letters and fixed over 4 mm thick Aluminium Composite Material sheet having minimum 0.5 mm thick Aluminium skin on both sides with back side painted grey colour and fixed over back support frame SS angle of 15mm x 20mm x 1.2mm, supported by 38mm OD stainless steel pipe all round in 304 grade and 2 nos of vertical posts of 50 mm OD stainless steel pipe of 202 grade firmly fixed to the ground by means of properly designed foundation of size 450mm x 450mm x 600mm in 1:1.5:3 ratio cement concrete. The background shall be blue in color with letters and border in white, the item includes earthwork excavation, cost of all materials, loading, unloading, lead, lift, transportation etc., complete. as per clause 6.9 of IRC 67-2012 for Type XI retro reflective sheeting from the sheeting manufacturer & a certified copy of test reports from an independent test laboratory conforming to clause 6.7 of IRC 67-2012 including outdoor weather exposure report for the retro reflective sheeting offered shall be submitted by the contractor for technical qualification in the tender.(P.No-190, I No-24.60 of PWD BCSR 2018-19) | | | | | | | | |
| | Basic Rate | 15785.00 | | | | | | | |
| | 6% Area weightage | 947.10 | | | | | | | |
| | Sub Total | 16732.10 | | | | | | | |
| | Direction Board - Double Arrow | 22 | 2.00 | 0.90 | | 39.60 | Sqm | 16732.10 | 662591.16 |
| | | | | | | | | Total Construction Cost | 4458044.29 |

| Sl No | Description of Items | No | Length | Width | Depth | Quantity | Unit | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Towards GST 12% | 534965.31 |
| | | | | | | | | Sub Total | 4993009.60 |
| | | | | | | | | Utility Shifting,Miscellaneous and Rounding off | 6,990.40 |
| | GRAND TOTAL | | | | | | | | 5000000.00 |

**Certificate**

1. The workspot was inspected and works is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike limits.
3. The rates adopted based on the PWD SR,Bangalore circle for year 2018-2019, issue rates dated 03-01-2020 and Data Rates

Assistant Engineer
Ward no. 4
BBMP Bangalore

Asst. Executive Engineer,
Yelahanka Satellite Town Sub Divisio
BBMP Bangalore

Executive Engineer,
Yelahanka Division
BBMP Bangalore

**Administrative Approval**

Accorded For RSSO ವಲಯಕ್ಕೆ
Head of A/C P.3740
CER NO :...P.6..... Dt. 28.07.2021

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CE (YNK)

**Technical Sanction**

Accorded For RSSO ವಲಯಕ್ಕೆ
Head of A/C P.3740
CER NO ...20..... Dt. 28.07.2021

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CE (YNK)